GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

FACTORS USED IN ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES EXCEPT FOR QC/QA OF BITUMINOUS MIXTURES:

ALL HOT-MIX ASPHALT.....2.016 TONS/CU. YD.
ALL AGGREGATE.....2.05 TONS/CU. YD.
BITUMINOUS MATERIALS (PRIME COAT)
ON PAVEMENT.....0.09 GAL/SQ. YD.
ON AGGREGATE SURFACE.....0.32 GAL/SQ. YD.
AGGREAGATE (PRIME COAT).....0.0015 TONS/SQ. YD.

THE QUANTITY OF SHORT-TERM PAVEMENT MARKING SHOWN IN THE PLANS WAS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, PRIME COAT, SURFACE COURSE, AND BINDER COURSE, EXCEPT THE DIAGONALS ON THE SHOULDERS WHICH SHALL BE ONE APPLICATION ONLY.

PRIOR TO THE PLACEMENT OF THE FINAL PAVEMENT MARKINGS, THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION & APPROVAL OF THE PAVEMENT MARKING LAYOUT.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 100m (300 FT). INTERVALS ON OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 140mm (5 1/2 IN.) TALL OF A DESIGN APPROVED BY THE ENGINEER AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, HOT-MIX ASPHALT RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THAT A LANE EDGE IS EXPOSED TO TRAFFIC.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. PATCHING SURVEY WAS DONE APRIL 30, 2010.

THE EDGES OF ALL PAVEMENT PATCHES SHALL BE SAWED TO THE FULL DEPTH OF THE EXISTING PAVEMENT. NO OVERSAWING WILL BE ALLOWED WHEN THE PATCH IS IN ONLY ONE LANE.

THE REMOVAL OF EXISTING DELINEATORS, POSTS, AND REFLECTORS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.

SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED ON ALL BITUMINOUS SHOULDERS IN ACCORDANCE WITH STANDARD 642001.

THE CONTRACTOR IS TO CLEAN ALL MEDIAN INLETS OF GRASS CLIPPINGS, SILT, AND OTHER DEBRIS. THE COST OF THIS WORK SHALL BE PAID FOR AS PER ARTICLE 109.04 (b) OF THE STANDARD SPECIFICATIONS.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.

EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

THE QUANTITIY FOR PRIME COAT WAS CALCULATED IN TWO LAYERS. ONE APPLICATION AFTER MILLING THE EXISTING SURFACE AND ONE APPLICATION AFTER PLACING THE BINDER COURSE AND SHALL BE USED AS DIRECTED BY THE ENGINEER.

ANY EARTHWORK OR MATERIAL NEEDED BEHIND GUARDRAIL SHALL BE INCLUDED IN THE COST OF THE TRAFFIC BARRIER TERMINAL.

MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N105
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL12.5 MM
FRICTION AGGREGATE:	D SURFACE

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0
FRICTION AGGREGATE:	NONE

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS (TOP LIFT) & INCIDENTAL HMA SURFACING
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0 %, 70 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL12.5 MM
FRICTION AGGREGATE:	C SURFACE

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT-MIX ASPHALT SHOULDERS
AC/PG:	PG58-22
RAP % (MAX):	50
DESIGN AIR VOIDS:	2.0 %, 30 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	HMA SHOULDERS
FRICTION AGGREGATE:	NONE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(97-2)RS-2	WHITE	34	4
		CONTRACT NO. 78211		
	ILLINOIS FED. AID PROJECT			